

WEST

Freeform Search

Database:

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Term:

L10 and rank

Display: 10 Documents in Display Format: TI Starting with Number 1

Generate: Hit List Hit Count Side by Side Image

Buttons: Search | Clear | Help | Logout | Interrupt

Main Menu | Show S Numbers | Edit S Numbers | Preferences | Cases

Search History

DATE: Friday, April 18, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L11</u>	L10 and rank	20	<u>L11</u>
<u>L10</u>	l9 and (module near3 bus)	257	<u>L10</u>
<u>L9</u>	L8 and (710/\$.ccls. or 711/\$.ccls.)	439	<u>L9</u>
<u>L8</u>	L7 and ((bus or clock or frequency or rate or speed or bandwidth) near4 (twice or times or greater or faster or slower or larger))	1009	<u>L8</u>
<u>L7</u>	L4 and (bus near8 (transfer\$4 or access\$4 or read\$4 or writ\$4 or stor\$4) near8 (bit or rate or speed or bandwidth))	1136	<u>L7</u>
<u>L6</u>	L5 and (memory near4 rank)	3	<u>L6</u>
<u>L5</u>	L4 and (bus near8 (bit or rate or speed or bandwidth))	1702	<u>L5</u>
<u>L4</u>	L3 and ((buffer or memory or module or bank) near8 port)	2159	<u>L4</u>
<u>L3</u>	L2 and l1	6498	<u>L3</u>
<u>L2</u>	bus near4 (module or DIMM or SIMM or card)	13514	<u>L2</u>
<u>L1</u>	memory near4 bus	41445	<u>L1</u>

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L14</u>	L13 and (bus near8 ((clock or tim\$3 or rate or speed or bandwidth or width or wide\$2 or bit or byte or size or capacity) near4 (differen\$3 or fast\$2 or separate or slow\$2 or large\$2 or great\$2 or twice or more)))	6	<u>L14</u>
<u>L13</u>	(memory adj2 bus) with (read\$4 or writ\$4 or stor\$4 or transfer\$4 or load\$3) with (module adj2 bus)	13	<u>L13</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L12</u>	l11 and (bus near8 ((clock or tim\$3 or rate or speed or bandwidth or width or wide\$2 or bit or byte or size or capacity) near4 (differen\$3 or fast\$2 or separate or slow\$2 or large\$2 or great\$2 or twice or more)))	24	<u>L12</u>
<u>L11</u>	(memory adj2 bus) with (read\$4 or writ\$4 or stor\$4 or transfer\$4 or load\$3) with (module adj2 bus)	52	<u>L11</u>
<u>L10</u>	(register or buffer) with (block adj writ\$3) with 16	2	<u>L10</u>
<u>L9</u>	L8 and 17	7	<u>L9</u>
<u>L8</u>	L1 with (bit or byte) with (serial\$2 or consecutive\$2 or sequential\$2)	635	<u>L8</u>
<u>L7</u>	L6 with (bit or byte) with (parallel or simultaneous\$2)	100	<u>L7</u>
<u>L6</u>	module near4 bus	8360	<u>L6</u>
<u>L5</u>	l4 and ((rank or order or sequence) near8 port)	2	<u>L5</u>
<u>L4</u>	L3 and (module near4 bus)	53	<u>L4</u>
<u>L3</u>	(register or buffer) with (bit or byte) with (parallel or simultaneous\$2) with l1	268	<u>L3</u>
<u>L2</u>	(register or buffer) with (bit or parallel or simultaneous\$2) with l1	2945	<u>L2</u>
<u>L1</u>	(memory or system) near4 bus	65375	<u>L1</u>

END OF SEARCH HISTORY

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L17</u>	(5717904 or 5781496).pn.	2	<u>L17</u>
<u>L16</u>	L15 and ((module or RAM or bank or DIMM) near8 port)	49	<u>L16</u>
<u>L15</u>	L14 and (memory near4 (control\$4 or arbit\$6))	107	<u>L15</u>
<u>L14</u>	L13 and ((module or RAM or bank or DIMM) near8 (rate or speed or bandwidth))	107	<u>L14</u>
<u>L13</u>	L12 and l1	376	<u>L13</u>
<u>L12</u>	block adj2 writ\$4	7644	<u>L12</u>
<u>L11</u>	L10 and ((module or RAM or bank or DIMM) near8 (rate or speed or bandwidth))	53	<u>L11</u>
<u>L10</u>	L9 same l7	329	<u>L10</u>
<u>L9</u>	(even or odd or high\$2 or low\$2) adj2 address	13663	<u>L9</u>
<u>L8</u>	L7 and l4 and l5	21	<u>L8</u>
<u>L7</u>	bus near8 (bit or parallel or burst or DDR or ((double or dual or twice) adj2 (rate or speed))) near8 (transfer\$4 or writ\$4 or stor\$4)	13141	<u>L7</u>
<u>L6</u>	L5 and l4 and l1	13	<u>L6</u>
<u>L5</u>	L2 near8 (rate or speed or bandwidth)	1009	<u>L5</u>
<u>L4</u>	L3 near8 (rate or speed or bandwidth)	122	<u>L4</u>
<u>L3</u>	module adj2 bus	2930	<u>L3</u>
<u>L2</u>	memory adj2 bus	14890	<u>L2</u>
<u>L1</u>	bus near8 (parallel or burst or DDR or ((double or dual or twice) adj2 (rate or speed))) near8 (transfer\$4 or writ\$4 or stor\$4)	4308	<u>L1</u>

END OF SEARCH HISTORY

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L21</u>	L20 and ((module near4 port) with (memory adj2 bus))	5	<u>L21</u>
<u>L20</u>	L19 and l3	210	<u>L20</u>
<u>L19</u>	L18 and (bit near4 (rank or bank or RAM or buffer))	7583	<u>L19</u>
<u>L18</u>	((transfer\$4 or writ\$3 or stor\$3) near8 (burst or parallel or DDR))	58513	<u>L18</u>
<u>L17</u>	((transfer\$4 or read\$3 or writ\$3 or access\$3 or stor\$3) near8 (burst or parallel or DDR))	77739	<u>L17</u>
<u>L16</u>	L15 and l3	6	<u>L16</u>
<u>L15</u>	l11 and ((transfer\$4 or read\$3 or writ\$3 or access\$3 or stor\$3) near8 (burst or parallel or DDR))	97	<u>L15</u>
<u>L14</u>	l12 and l3	6	<u>L14</u>
<u>L13</u>	L12 and l8	0	<u>L13</u>
<u>L12</u>	l11 and ((transfer\$4 or read\$3 or writ\$3 or access\$3 or stor\$3) near8 (bus or clock or rate or speed or frequency or bandwidth) near4 (double or greater or faster or slower or larger or multiple or twice or ((two or three or four) adj2 time)))	91	<u>L12</u>
<u>L11</u>	((710/307)!.CCLS.)	224	<u>L11</u>
<u>L10</u>	L9 and l3	5	<u>L10</u>
<u>L9</u>	L8 and ((transfer\$4 or read\$3 or writ\$3 or access\$3 or stor\$3) near8 (bus or clock or rate or speed or frequency or bandwidth) near4 (double or greater or faster or slower or larger or multiple or twice or ((two or three or four) adj2 time)))	68	<u>L9</u>
<u>L8</u>	rank near8 (module or memory or port)	856	<u>L8</u>
<u>L7</u>	L6 and ((transfer\$4 or read\$3 or writ\$3 or access\$3 or stor\$3) near8 (bus or clock or rate or speed or frequency or bandwidth) near4 (double or greater or faster or slower or larger or multiple or twice or ((two or three or four) adj2 time)))	43	<u>L7</u>
<u>L6</u>	rank near8 (memory or module)	744	<u>L6</u>
<u>L5</u>	L4 and (module near4 port)	62	<u>L5</u>
<u>L4</u>	L3 and ((transfer\$4 or read\$3 or writ\$3 or access\$3 or stor\$3) near8 (bus or clock or rate or speed or frequency or bandwidth) near4 (double or greater or faster or slower or larger or multiple or twice or ((two or three or four) adj2 time)))	306	<u>L4</u>
<u>L3</u>	L2 and (module adj2 bus)	809	<u>L3</u>
<u>L2</u>	L1 and (memory adj2 bus)	11780	<u>L2</u>
<u>L1</u>	bus near8 (control\$4 or arbit\$4)	72532	<u>L1</u>

END OF SEARCH HISTORY

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=ADJ

<u>L20</u>	l3 with ((parallel near4 (transfer\$4 or writ\$4 or stor\$4 or read\$3)) or (block adj writ\$4) or ddr or (double adj data adj rate))	10	<u>L20</u>
<u>L19</u>	l3 with ((parallel near4 (transfer\$4 or writ\$4 or stor\$4 or read\$3)) or (block adj writ\$4))	9	<u>L19</u>
<u>L18</u>	l2 with ((serial\$3 or sequential\$3) near4 (transfer\$4 or writ\$4 or stor\$4 or read\$3))	109	<u>L18</u>
<u>L17</u>	(5717904 or 5781496).pn.	2	<u>L17</u>
<u>L16</u>	L15 and ((module or RAM or bank or DIMM) near8 port)	49	<u>L16</u>
<u>L15</u>	L14 and (memory near4 (control\$4 or arbit\$6))	107	<u>L15</u>
<u>L14</u>	L13 and ((module or RAM or bank or DIMM) near8 (rate or speed or bandwidth))	107	<u>L14</u>
<u>L13</u>	L12 and l1	376	<u>L13</u>
<u>L12</u>	block adj2 writ\$4	7644	<u>L12</u>
<u>L11</u>	L10 and ((module or RAM or bank or DIMM) near8 (rate or speed or bandwidth))	53	<u>L11</u>
<u>L10</u>	L9 same l7	329	<u>L10</u>
<u>L9</u>	(even or odd or high\$2 or low\$2) adj2 address	13663	<u>L9</u>
<u>L8</u>	L7 and l4 and l5	21	<u>L8</u>
<u>L7</u>	bus near8 (bit or parallel or burst or DDR or ((double or dual or twice) adj2 (rate or speed))) near8 (transfer\$4 or writ\$4 or stor\$4)	13141	<u>L7</u>
<u>L6</u>	L5 and l4 and l1	13	<u>L6</u>
<u>L5</u>	L2 near8 (rate or speed or bandwidth)	1009	<u>L5</u>
<u>L4</u>	L3 near8 (rate or speed or bandwidth)	122	<u>L4</u>
<u>L3</u>	module adj2 bus	2930	<u>L3</u>
<u>L2</u>	memory adj2 bus	14890	<u>L2</u>
<u>L1</u>	bus near8 (parallel or burst or DDR or ((double or dual or twice) adj2 (rate or speed))) near8 (transfer\$4 or writ\$4 or stor\$4)	4308	<u>L1</u>

END OF SEARCH HISTORY



> home | > about | > feedback | > login

US Patent & Trademark Office

Search Results

Nothing Found

Your search for [(memory data bus) <sentence> (bit or byte or rate or speed or width or wide or bandwidth) <sentence> (module data bus)] did not return any results.

You can try to rerun it within the Portal.

You may revise it and try your search again below or click advanced search for more options.

A text input field containing the search query: "(memory data bus) <sentence> (bit or byte or rate or speed or width or wide or bandwidth) <sentence> (module data bus)". The input field has scroll bars on the right side.

[SEARCH] [Advanced Search] [Search]

Help/Tips

Complete Search Help and Tips

The following characters have specialized meaning:

Special Characters	Description
, () [These characters end a text token.
= > < !	These characters end a text token because they signify the start of a field operator. (! is special: != ends a token.)
` @ \Q < { [!	These characters signify the start of a delimited token. These are terminated by the end character associated with the start character.



> home | > about | > feedback | > login

US Patent & Trademark Office

Search Results

Nothing Found

Your search for [(memory bus) <sentence> (bit or byte or rate or speed or width or wide or bandwidth) <sentence> (module bus)] did not return any results.

You can try to rerun it within the Portal.

You may revise it and try your search again below or click advanced search for more options.

(memory bus) <sentence> (bit or
byte or rate or speed or width or
width or wide or bandwidth) <sentence>
(module bus)

SEARCH

[Advanced Search] [Search]

Help/Tips

Complete Search Help and Tips

The following characters have specialized meaning:

Special Characters	Description
, () [These characters end a text token.
= > < !	These characters end a text token because they signify the start of a field operator. (! is special: != ends a token.)
` @ \Q < { [!	These characters signify the start of a delimited token. These are terminated by the end character associated with the start character.



> home | > about | > feedback | > login

US Patent & Trademark Office

Search Results

Nothing Found

Your search for [(memory bus) <sentence> (read* or writ* or stor*or transfer* or load*) <sentence> (module bus)] did not return any results.

You can try to rerun it within the Portal.

You may revise it and try your search again below or click advanced search for more options.

(memory bus) <sentence>
(read* or writ* or stor*or
transfer* or load*) <sentence>
(module bus)

[Advanced Search] [Search]

Help/Tips

Complete Search Help and Tips

The following characters have specialized meaning:

Special Characters	Description
, () [These characters end a text token.
= > < !	These characters end a text token because they signify the start of a field operator. (! is special: != ends a token.)
` @ \Q < { [!	These characters signify the start of a delimited token. These are terminated by the end character associated with the start character.



> home | > about | > feedback | > login

US Patent & Trademark Office

Search Results

Nothing Found

Your search for [(memory data bus) <sentence> (read* or writ* or stor*or transfer* or load*) <sentence> (module data bus)] did not return any results.

You can try to rerun it within the Portal.

You may revise it and try your search again below or click advanced search for more options.

(memory data bus)
<sentence> (read* or writ* or
stor*or transfer* or load*)
<sentence> (module data bus)

SEARCH [\[Advanced Search\]](#) [\[Search\]](#)

Help/Tips

Complete Search Help and Tips

The following characters have specialized meaning:

Special Characters	Description
, () [These characters end a text token.
= > < !	These characters end a text token because they signify the start of a field operator. (! is special: != ends a token.)
` @ \Q < { [!	These characters signify the start of a delimited token. These are terminated by the end character associated with the start character.

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore®**
RELEASE 1.4Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE](#) [Quick Links](#) [Search Results](#)
[Peer Review](#)

Welcome to IEEE Xplore®

Your search matched [0] of [933812] documents.

- [○ Home](#)
- [○ What Can I Access?](#)
- [○ Log-out](#)

Tables of Contents

- [○ Journals & Magazines](#)
- [○ Conference Proceedings](#)
- [○ Standards](#)

Search

- [○ By Author](#)
- [○ Basic](#)
- [○ Advanced](#)

Member Services

- [○ Join IEEE](#)
- [○ Establish IEEE Web Account](#)
- [○ Access the IEEE Member Digital Library](#)

 [Print Format](#)[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2002 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore®**
RELEASE 1.4Welcome
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE](#) | [Quick Links](#) | [Feedback](#) | [Search Results](#)[Peer Review](#)

Welcome to IEEE Xplore® Your search matched [0] of [932004] documents.

- [Home](#)
- [What Can I Access?](#)
- [Log-out](#)

Tables of Contents

- [Journals & Magazines](#)
- [Conference Proceedings](#)
- [Standards](#)

Search

- [By Author](#)
- [Basic](#)
- [Advanced](#)

Member Services

- [Join IEEE](#)
- [Establish IEEE Web Account](#)
- [Access the IEEE Member Digital Library](#)

[Print Format](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2002 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)**IEEE Xplore®**
RELEASE 1.4Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE](#) [Quick Links](#)[Search Results](#)

Welcome to IEEE Xplore®

Your search matched [0] of [932004] documents.

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 [Print Format](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
[Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#)
[No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

You may refine your search by editing the current search expression or entering
a new one the text box. Then click search Again.

(memory data bus) <sentence> (bit or byte or rate or speed or width or wide or bandwidt

OR

Use your browser's back button to return to your original search page.

Results:**No documents matched your query.**